

## ABSTRACT

A method and system of storing and accessing documents on a computer file system utilizing a file system-independent key for use in an index-less browser caching mechanism. The present invention is a method and system for storing a resource such as a document or group of documents on a computer file system using a Universal Resource Indicator (URI) as the file name by generating a unique system-independent key from the URI for use in an index-less browser caching system. The invention takes into account the various file entry length limitations enforced by each unique file system by converting the specified URI into a key containing hexadecimal values of the key's characteristics. In this fashion, an index-less browser caching system such as a Web browser or a VoiceXML browser is created that is file system-independent.